

# BEST AVAILABLE COPY

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/N02004/000189

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B62B9/20 F16B7/14

According to International Patent Classification (IPC) or to both national classification and IPC

### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 F16B B62B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

### C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 351 762 A (LINK TREASURE LTD) 10 January 2001 (2001-01-10) the whole document	1-4
A	EP 0 771 954 A (PATELLI QUINTO ; PATELLI GIUSEPPE (IT)) 7 May 1997 (1997-05-07) column 2, line 34 - line 49	1
A	US 2 291 748 A (HERMAN NEUWIRTH) 4 August 1942 (1942-08-04) page 2, left-hand column, last line - right-hand column, line 18	1
A	US 4 706 916 A (CULLMANN WOLFGANG ET AL) 17 November 1987 (1987-11-17) the whole document	1
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

#### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

17 December 2004

Date of mailing of the international search report

28/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Cauderlier, F

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/N02004/000189

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 856 929 A (SMAHLIK ALOYS J ET AL) 15 August 1989 (1989-08-15) figures -----	1

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/N02004/000189

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
GB 2351762	A	10-01-2001	DE	19935802 A1	08-02-2001
EP 0771954	A	07-05-1997	IT	B0950154 U1	30-04-1997
			CA	2189292 A1	01-05-1997
			DE	69608068 D1	08-06-2000
			EP	0771954 A1	07-05-1997
			US	5803643 A	08-09-1998
US 2291748	A	04-08-1942	NONE		
US 4706916	A	17-11-1987	DE	3430737 A1	06-03-1986
US 4856929	A	15-08-1989	EP	0314357 A2	03-05-1989
			JP	1145409 A	07-06-1989